

Receiving Report

Date: 13-2-13

Batch No: 124631

Supplier: metals castle

Dart P/O: 19060

Packing Slip: Yes ☒ No ☐

Release Note Attached: Yes ☒ No ☐

N/A

Invoice: Yes ☒ No ☐

Waybill Attached: Yes ☒ No ☐

N/A

Receipt: Cash ☐ Cr ☒

Shipment Complete: Yes ☒ No ☐

N/A

QC6 Inspection OK 13/02/11

N/A

Work Order

N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 13-2-13

Date

Received/Costing

Initial

SP

Location

Page 1 of 1

All amounts are calculated in domestic currency.

13/2013

All Line Item Types

10

All Currencies

Grouped by Vendor ID



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No: 1638479

Ship From:		Sold To:		Ship To:		Deliver To:	
A. M. Castle & Co. TORONTO - CASTLE METALS 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped	F.O.B.	Freight Terms		Carrier		BOL No	
12-FEB-2013	ORIGIN	Prepaid		MANITOULIN		1638479-2	

Shipment Details		Final Destination Branch - TOR	
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Order No	Line No	Item No	Description				Invoice Qty
2691632	1	14966	0.7500.RD.17CR-4NI.STAINLESS.CF.SOL TR.COND A.132.0000-156.0000 SPECIFICATIONS: AMS 5643				
Purchase Order No	Part Number		Ordered Qty				
19060			48.00 FT				48.3333 FT
Details							
Delivery No.	Mill	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)
118387486	TALLEY METALS, INC.	G19889		4 ✓		145.0000	72.5000

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.							
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.							
Reviewed by Authorized Castle Metals Representative:				Date: Name:			

13/02/16

CERTIFICATE OF TESTS
CERT SERIAL# 000854692



TALLEY METALS
A Carpenter Company

Talley Metals Technology, Inc.
 205 Talley Metals Lane
 McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

12/21/12

CUSTOMER / BESTELLER / CLIENT

AM CASTLE & CO

3400 N WOLF RD
 FRANKLIN PARK IL 60131

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER / VERKÄUFER / VENDEUR PAGE 2 OF 2

TALLEY METALS TECH, INC.

ACCOUNTS PAYABLE
 P. O. BOX 2498
 HARTSVILLE SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
190676	W67826	12/21/12	1589.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE :
CAPABILITY

900 F(482 C), 01 HR

G19889

UNS NUMBER S17400

AIR COOL

HARDNESS 409HBW (44HRC)

(T)RANSVERSE (L)ONGITUDINAL
 YIELD STRENGTH, (0.20 %) KSI(MPA) 203.0(1400)
 TENSILE STRENGTH, KSI(MPA) 206.0(1420)
 ELONGATION IN 1.40", % 11.0
 REDUCTION OF AREA, % 51.0

NO WELD REPAIR PERFORMED
 MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DFARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.
 THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204(DIN50049)

STEPHANIE E. MCCULLUM
 QUALITY ASSURANCE ENGINEER
 CARPENTER TECHNOLOGY CORPORATION

Castle Metals FP

HEAT NUMBER G19889
 MECHANICAL ID _____
 ITEM CODE 14966
 LOT NUMBER _____
 PO NUMBER 190676
 RECEIPT DATE 12-26-12
 SUPPLIER Talley
 SPECIFICATION _____
 LCS _____
 COMMENT _____
 APPROVED (Signature)

13/02/16

Stephanie McCullum

CERTIFICATE OF TESTS
CERT SERIAL# 000854692

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



TALLEY METALS
A Carpenter Company

Talley Metals Technology, Inc.
205 Talley Metals Lane
McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

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12/21/12

CUSTOMER / BESTELLER / CLIENT

AM CASTLE & CO

3400 N WOLF RD
FRANKLIN PARK IL 60131

SELLER / VERKÄUFER / VENDEUR PAGE 1 OF 2

TALLEY METALS TECH, INC.

ACCOUNTS PAYABLE
P. O. BOX 2498
HARTSVILLE, SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
190676	W67826	12/21/12	1589.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE:

G19889

UNS NUMBER S17400

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH
----- PART NUMBER: IAC 14966

SPECIFICATION: CASTLE 3174-03 REV 25 (08/18/11)
----- AMS 2303 REV F (08/ /10)
AMS 5643 REV R (02/ /08) (UNS S17400) (AISI 630)
ASTM-A564-10
ASME-SA564 2011 EDITION

SIZE 0.750000 IN. (19.05 MM) RD BAR

PRIMARY HEAT CHEMISTRY(WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN(XRF)	SI(XRF)	P (XRF)	S (COM)	15.26 CR(XRF)
0.02	0.79	0.26	0.018	0.019	
NI(XRF)	MO(XRF)	CU(XRF)	N (FUS)	CB(XRF)	TA(XRF)
4.23	0.22	3.61	0.033	0.27	0.01

CB+TA
0.28

THIS HEAT MELTED BY THE ELECTRIC ARC/AOD PROCESSES
NO WELD REPAIR.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE
CONTAMINATION.

EDDY CURRENT TEST PERFORMED

HOT REDUCTION RATIO = 36:1

MILL HEAT TREATMENT:

TYPE ANNEAL
TEMP 1900F
TIME (BATCH FURNACE) 1.40 HOURS
QUENCH WATER

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED 264HBW (27HRC)

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0

MICROSTRUCTURE - FERRITE 1.11%

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO19060

Purchase Order Date 2/08/13

PO Print Date 2/13/13

Page Number 1 of 1

Order From :

VC-MET001

METAUX CASTLE
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720
P.O. BOX 4090 STN A
TORONTO, ON M5W 0E9
CA

Contact Name

Vendor Phone 514 694 9575

Vendor Fax 514 695 3281

Vendor Account Nbr

Buyer

Linda Lacelle

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART-AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	2/18/13 Yes	48.00 f	Yours ppd	\$6.8300	\$327.84

Special Inst: 17-4PH/S17400/TYPE 630 SS
ROUND BAR PER AMS 5643/ASTM
A564
GRAIN MUST BE ALONG LENGTH
OF BAR. MINIMUM YIELD TENSILE
STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE
STRENGTH = 150 KSI

SD
13-2-13

PO Total:

\$327.84

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 2/08/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO